

Di-LOG
...measurably better

DL9101/9102 Digital Multimeter



- Large LCD Display

- Double Moulded

- Auto Power Off

- Data Hold

- Safety Design

- Full Range Protection

- 2000 Counts LCD Display

DL9101

- AC Voltage to 700V,
- DC Voltage to 1000V
- AC & DC Current to 20A
- Resistance to 200 M Ohm
- Capacitance from 1pF to 200.0uF

DL9102

- AS per DL9101 Plus...
- Temperature to 400°F
- Frequency to 2000Hz
- DL9101 & 2 EN61010-1.
CAT III 1000V

www.dilog.co.uk

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SPECIFICATIONS

DC Voltage

Range	Resolution	Accuracy
200.0mV	0.1mV	±0.5 % of rdg ± 2 dgts
2.000V	1mV	
20.00V	10mV	
200.0V	100mV	
1000V	1V	±0.8 % of rdg ± 2 dgts

Input Impedance: 10MΩ.

200mV range Maximum Input: 250V dc or 250V ac rms.

Maximum Input: 1000V dc or 700V ac rms.

AC Voltage

Range	Resolution	Accuracy
200.0mV	0.1mV	±1.0 % of rdg ± 5 dgts
2.000V	1mV	±1.0 % of rdg ± 3 dgts
20.00V	10mV	
200.0V	100mV	
700V	1V	±1.2 % of rdg ± 5 dgts

Input Impedance: 10MΩ.

Frequency Range: 50 to 400Hz

Maximum Input: 1000V dc or 700V ac rms.

DC Current

Range	Resolution	Accuracy
2.000mA	1uA	±1.0 % of rdg ± 3 dgts
20.00mA	10uA	±1.5 % of rdg ± 3 dgts
200.0mA	100uA	
20.00A	10mA	±2.5 % of rdg ± 10 dgts

Overload Protection: 0.2A / 250V and 20A / 250V Fuse.

Maximum Input: 200mA dc or 200mA ac rms on mA ranges,

20A dc or ac rms on 20A range.

AC Current

Range	Resolution	Accuracy
2.000mA	1uA	±1.2 % of rdg ± 3 dgts
200.0mA	100uA	±2.0 % of rdg ± 3 dgts
20.00A	10mA	±3.0 % of rdg ± 10 dgts

Overload Protection: 0.2A / 250V and 20A / 250V Fuse.

Frequency Range: 50 to 400 Hz.

Maximum Input: 200mA dc or 200mA ac rms on mA ranges,

20A dc or ac rms on 20A range

Resistance

Range	Resolution	Accuracy
200.0Ω	0.1Ω	±1.0 % of rdg ± 4 dgts
2.000kΩ	1Ω	±1.0 % of rdg ± 2 dgts
20.00kΩ	10Ω	±1.2 % of rdg ± 2 dgts
200.0kΩ	100Ω	
2.000MΩ	1kΩ	
20.00MΩ	10kΩ	±2.0 % of rdg ± 5 dgts
200.0MΩ	10kΩ (DL9102)	±5.0 % of rdg ± 10 dgts

Input Protection: 250V dc or 250V ac rms.

Capacitance

Range	Resolution	Accuracy
2.000nF	1pF	±4.0 % of rdg ± 70 dgts
20.00nF	10pF	±4.0 % of rdg ± 3 dgts
200.0nF	0.1nF	
2.000uF	1nF	±4.0 % of rdg ± 3 dgts
200.0uF	0.1uF <20uF	±4.0 % of rdg ± 15 dgts <21uF unspecified

Input Protection: 250V dc or 250V ac rms.

Diode Test

Test current: 1mA typical

Open circuit voltage: 2.8V dc typical

Overload protection: 250V dc or ac rms.

Audible continuity

Audible threshold: Less than 50Ω;

Test current: <0.3mA

Overload protection: 250V dc or ac rms.

Temperature - DL9102 only

Frequency - DL9102 only

Miscellaneous

Supplied with 1x 9V battery

Dimensions: 182(H) x 82(W) x 55(D) mm

Weight: 360g

**All Di-log Multimeters
supported by a
2 Year Warranty**



EMC & LVD

EN: 50081-1, 50082-1

EN: 61010-1, EN 61010-02-031

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